

Title (en)
PISTON RINGS

Title (de)
KOLBENRINGE

Title (fr)
SEGMENTS DE PISTON

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Application
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Abstract (en)
[origin: WO2010097106A1] The invention relates to a steel material composition, in particular for producing piston rings and cylinder sleeves, containing the following elements in the given fractions in relation to 100 % by weight of the steel material: 0.03 - 2.0 % by weight B, 0.5 - 1.2 % by weight C, 70.1 - 97.3 % by weight Fe, 0.1 - 3.0 % by weight Mn and 2.0 - 10.0 % by weight Si. Said composition can be produced by melting the starting materials and casting the melt in a pre-fabricated mould.

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